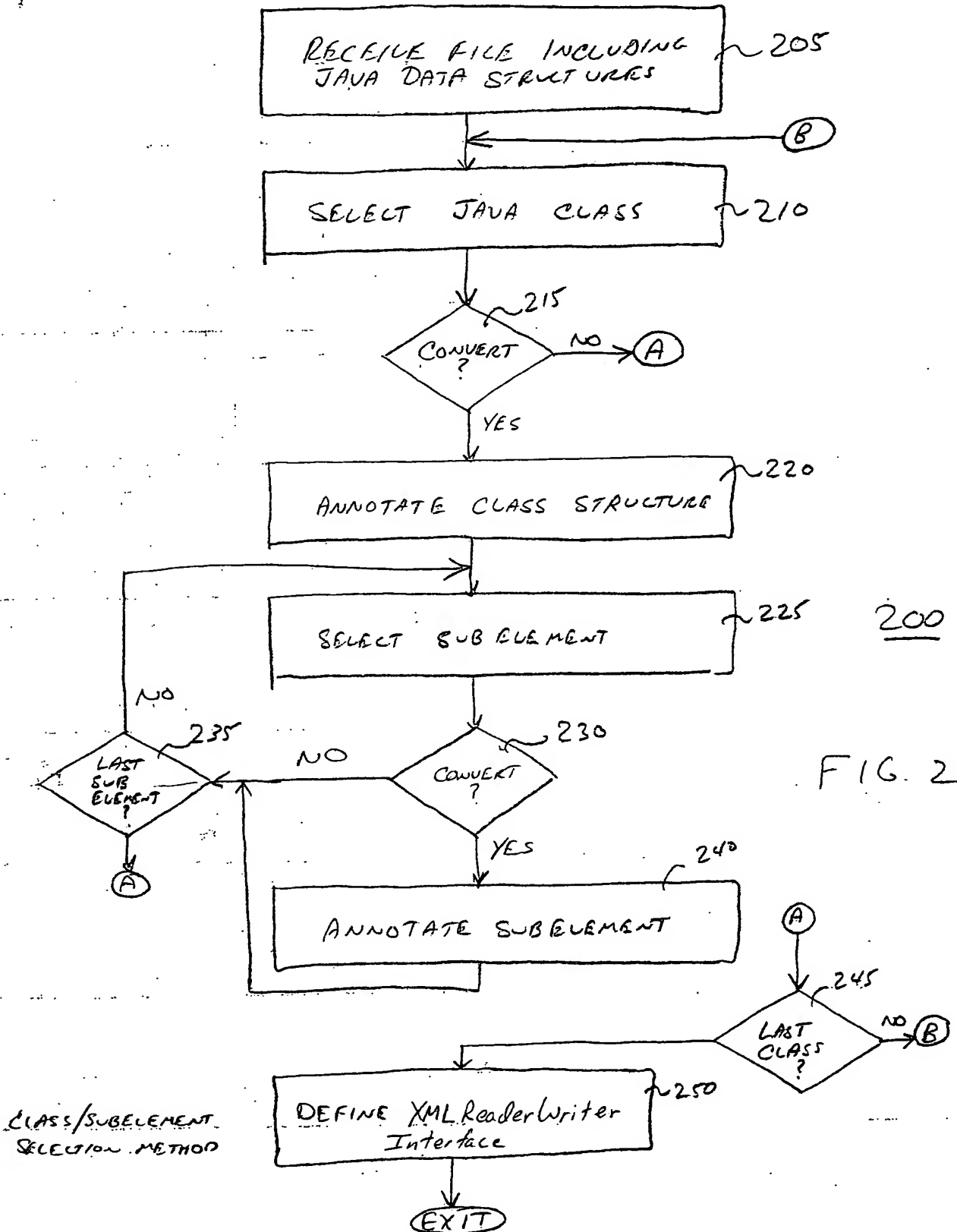


FIG. 1





300

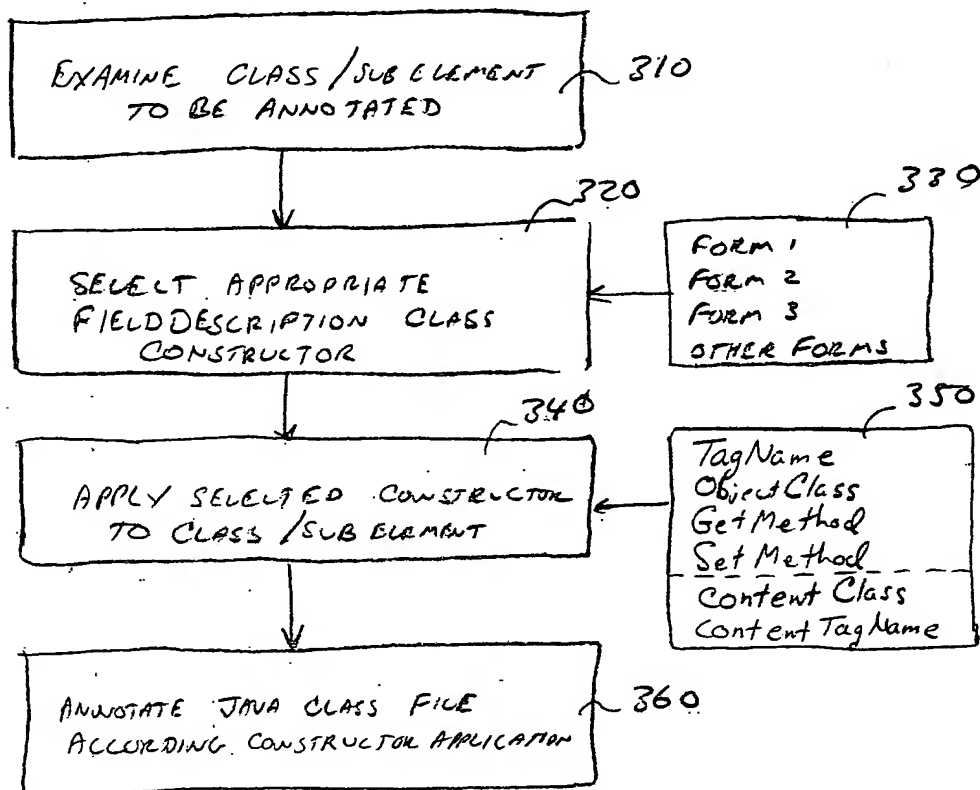
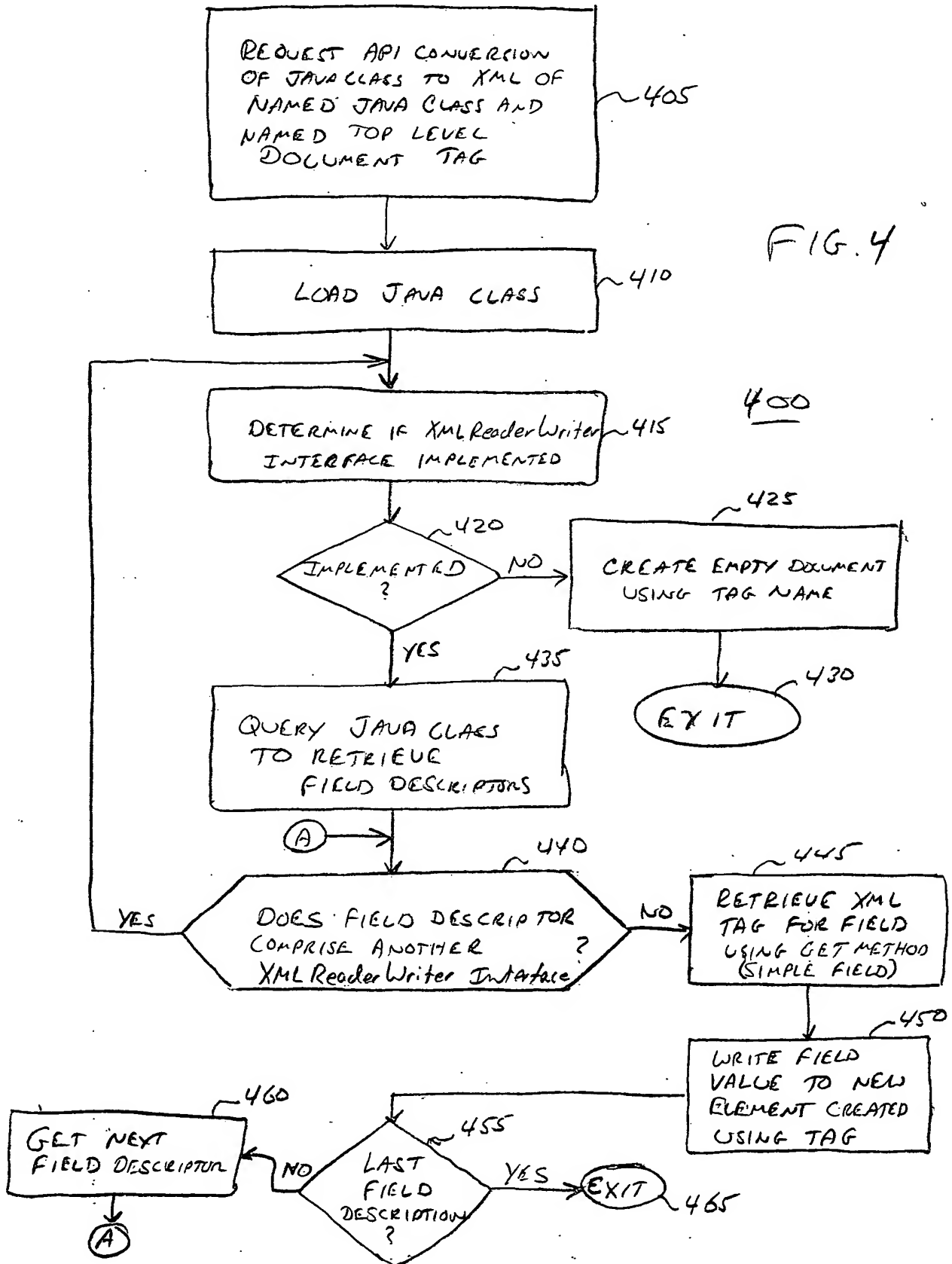


FIG. 3

JAVA → XML

FIG. 4



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REQUEST API CONVERSION
OF XML DOCUMENT TO
JAVA REPRESENTATION OF
SPECIFIED JAVA CLASS TYPE

XML → JAVA

~505

INSTANTIATE OBJECT OF
SPECIFIED JAVA CLASS
AS CURRENT OBJECT

~510

YES NO
DOES INSTANTIATED OBJECT
IMPLEMENT XMLReaderWriter
INTERFACE?

~515

~520
RETURN
OBJECT

~525
EXIT

~530
QUERY OBJECT TO
RETRIEVE FIELD
DESCRIPTORS

(A) YES NO
DOES XML ELEMENT
CORRESPOND TO A FIELD?

~535

~540
CREATE OBJECT OF SPECIFIED
JAVA TYPE, STORE CREATED
OBJECT IN CURRENT OBJECT
USING SPECIFIED SET METHOD

YES NO
DOES CREATED OBJECT
IMPLEMENT XMLReaderWriter
INTERFACE?

~545

~550
INITIALIZE OBJECT WITH
VALUE OF CORRESPONDING
XML ELEMENT

NO
GET NEXT
XML ELEMENT
(A)

YES
LAST
XML ELEMENT?
EXIT

~560

~555

~565

500

FIG. 5

22-141
22-142
22-144

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22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



FOR "6262860"

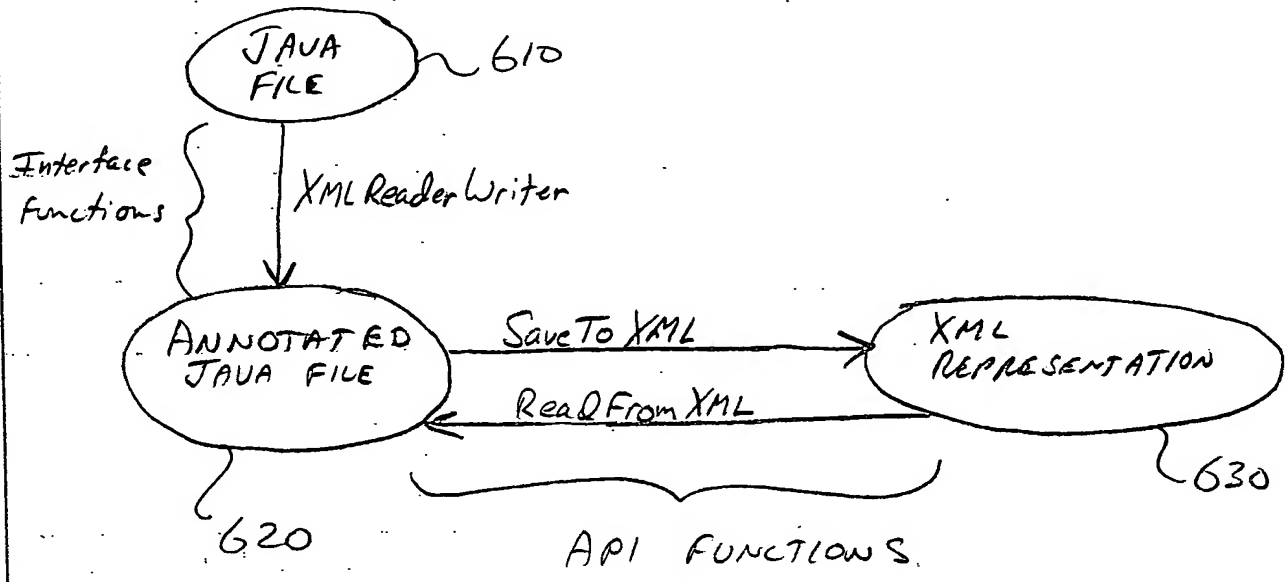


FIG. 6